

1647

#5

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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/463,874

DATE: 11/17/2000
 TIME: 15:55:55

Input Set : A:\V1797000.txt
 Output Set: N:\CRF3\11172000\I463874.raw

4 <110> APPLICANT: WANKER, Erich
 5 LEHRACH, Hans
 6 SCHERZINGER, Eberhard
 7 BATES, Gillian
 9 <120> TITLE OF INVENTION: COMPOSITION AND METHOD FOR THE DETECTION
 10 OF DISEASES ASSOCIATED WITH AMYLOID-LIKE FIBRIL OR PROTEIN
 11 AGGREGATE FORMATION
 14 <130> FILE REFERENCE: V0179/7000/HCL
 C--> 16 <140> CURRENT APPLICATION NUMBER: US/09/463,874
 C--> 16 <141> CURRENT FILING DATE: 2000-06-07
 16 <150> PRIOR APPLICATION NUMBER: PCT/EP98/04811
 17 <151> PRIOR FILING DATE: 1998-07-31
 19 <150> PRIOR APPLICATION NUMBER: EP97113306.1
 20 <151> PRIOR FILING DATE: 1997-08-01
 22 <160> NUMBER OF SEQ ID NOS: 41
 24 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 38
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Oligonucleotide Primer
 34 <400> SEQUENCE: 1
 35 tgggatccgc atggcgaccc tggaaaagct gatgaagg 38
 37 <210> SEQ ID NO: 2
 38 <211> LENGTH: 36
 39 <212> TYPE: DNA
 40 <213> ORGANISM: Artificial Sequence
 42 <220> FEATURE:
 43 <223> OTHER INFORMATION: Oligonucleotide Primer
 45 <400> SEQUENCE: 2
 46 ggagtcgact caccggtcggc gcagcggctc ctcagc 36
 48 <210> SEQ ID NO: 3
 49 <211> LENGTH: 39
 50 <212> TYPE: DNA
 51 <213> ORGANISM: Artificial Sequence
 53 <220> FEATURE:
 54 <223> OTHER INFORMATION: Oligonucleotide Primer
 56 <400> SEQUENCE: 3
 57 ctccctcgagc ggcgggtggcg gctgttgctg ctgctgctg 39
 59 <210> SEQ ID NO: 4
 60 <211> LENGTH: 51
 61 <212> TYPE: DNA
 62 <213> ORGANISM: Artificial Sequence
 64 <220> FEATURE:
 65 <223> OTHER INFORMATION: Oligonucleotide Primer
 67 <400> SEQUENCE: 4

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68  cgctcgaggg talettcgag gccagaaga tcgagtggcg atcaccatga g      51
70 <210> SEQ ID NO: 5
71 <211> LENGTH: 54
72 <212> TYPE: DNA
73 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Oligonucleotide Primer
78 <400> SEQUENCE: 5
79  ggccgctcat ggtgatgcc actcgatctt ctgggacctg aagataacct cgag      54
81 <210> SEQ ID NO: 6
82 <211> LENGTH: 94
83 <212> TYPE: PRT
84 <213> ORGANISM: Homo Sapiens
86 <400> SEQUENCE: 6
87  Ile Glu Gly Arg Gly Ile Arg Met Ala Thr Leu Glu Lys Leu Met Lys
88   1             5             10             15
89  Ala Phe Glu Ser Leu Lys Ser Phe Gln Gln Gln Gln Gln Gln Gln
90   20             25             30
91  Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Pro Pro Pro Pro
92   35             40             45
93  Pro Pro Pro Pro Pro Pro Pro Gln Leu Pro Gln Pro Pro Pro Gln Ala
94   50             55             60
95  Gln Pro Leu Leu Pro Gln Pro Gln Pro Pro Pro Pro Pro Pro Pro
96  65             70             75             80
97  Pro Pro Gly Pro Ala Val Ala Glu Glu Pro Leu His Arg Pro
98   85             90
100 <210> SEQ ID NO: 7
101 <211> LENGTH: 95
102 <212> TYPE: PRT
103 <213> ORGANISM: Homo Sapiens
105 <400> SEQUENCE: 7
106  Ile Glu Gly Arg Gly Ile Arg Met Ala Thr Leu Glu Lys Leu Met Lys
107   1             5             10             15
108  Ala Phe Glu Ser Leu Lys Ser Phe Gln Gln Gln Gln Gln Gln Gln
109   20             25             30
110  Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Pro Pro Pro Pro
111   35             40             45
112  Pro Pro Pro Pro Pro Pro Pro Pro Gln Leu Pro Gln Pro Pro Pro Gln
113   50             55             60
114  Ala Gln Pro Leu Leu Pro Gln Pro Gln Pro Pro Pro Pro Pro Pro
115  65             70             75             80
116  Pro Pro Pro Gly Pro Ala Val Ala Glu Glu Pro Leu His Arg Pro
117   85             90             95
119 <210> SEQ ID NO: 8
120 <211> LENGTH: 96
121 <212> TYPE: PRT
122 <213> ORGANISM: Homo Sapiens
124 <400> SEQUENCE: 8
125  Ile Glu Gly Arg Gly Ile Arg Met Ala Thr Leu Glu Lys Leu Met Lys

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126 1 5 10 15
127 Ala Phe Glu Ser Leu Lys Ser Phe Gln Gln Gln Gln Gln Gln Gln
128 20 25 30
129 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Pro Pro
130 35 40 45
131 Pro Pro Pro Pro Pro Pro Pro Pro Pro Gln Leu Pro Gln Pro Pro Pro
132 50 55 60
133 Gln Ala Gln Pro Leu Leu Pro Gln Pro Gln Pro Pro Pro Pro Pro
134 65 70 75 80
135 Pro Pro Pro Pro Gly Pro Ala Val Ala Glu Glu Pro Leu His Arg Pro
136 85 90 95
138 <210> SEQ ID NO: 9
139 <211> LENGTH: 97
140 <212> TYPE: PRT
141 <213> ORGANISM: Homo Sapiens
143 <400> SEQUENCE: 9
144 Ile Glu Gly Arg Gly Ile Arg Met Ala Thr Leu Glu Lys Leu Met Lys
145 1 5 10 15
146 Ala Phe Glu Ser Leu Lys Ser Phe Gln Gln Gln Gln Gln Gln Gln
147 20 25 30
148 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Pro
149 35 40 45
150 Pro Pro Pro Pro Pro Pro Pro Pro Pro Gln Leu Pro Gln Pro Pro
151 50 55 60
152 Pro Gln Ala Gln Pro Leu Leu Pro Gln Pro Gln Pro Pro Pro Pro
153 65 70 75 80
154 Pro Pro Pro Pro Pro Gly Pro Ala Val Ala Glu Glu Pro Leu His Arg
155 85 90 95
156 Pro
159 <210> SEQ ID NO: 10
160 <211> LENGTH: 98
161 <212> TYPE: PRT
162 <213> ORGANISM: Homo Sapiens
164 <400> SEQUENCE: 10
165 Ile Glu Gly Arg Gly Ile Arg Met Ala Thr Leu Glu Lys Leu Met Lys
166 1 5 10 15
167 Ala Phe Glu Ser Leu Lys Ser Phe Gln Gln Gln Gln Gln Gln Gln
168 20 25 30
169 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
170 35 40 45
171 Pro Pro Pro Pro Pro Pro Pro Pro Pro Pro Pro Gln Leu Pro Gln Pro
172 50 55 60
173 Pro Pro Gln Ala Gln Pro Leu Leu Pro Gln Pro Gln Pro Pro Pro Pro
174 65 70 75 80
175 Pro Pro Pro Pro Pro Pro Gly Pro Ala Val Ala Glu Glu Pro Leu His
176 85 90 95
177 Arg Pro
180 <210> SEQ ID NO: 11
181 <211> LENGTH: 99

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Input Set : A:\V1797000.txt
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182 <212> TYPE: PRT
183 <213> ORGANISM: Homo Sapiens
185 <400> SEQUENCE: 11
186 Ile Glu Gly Arg Gly Ile Arg Met Ala Thr Leu Glu Lys Leu Met Lys
187 1 5 10 15
188 Ala Phe Glu Ser Leu Lys Ser Phe Gln Gln Gln Gln Gln Gln Gln
189 20 25 30
190 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
191 35 40 45
192 Gln Pro Pro Pro Pro Pro Pro Pro Pro Pro Pro Pro Gln Leu Pro Gln
193 50 55 60
194 Pro Pro Pro Gln Ala Gln Pro Leu Leu Pro Gln Pro Gln Pro Pro Pro
195 65 70 75 80
196 Pro Pro Pro Pro Pro Pro Pro Gly Pro Ala Val Ala Glu Glu Pro Leu
197 85 90 95
198 His Arg Pro
201 <210> SEQ ID NO: 12
202 <211> LENGTH: 100
203 <212> TYPE: PRT
204 <213> ORGANISM: Homo Sapiens
206 <400> SEQUENCE: 12
207 Ile Glu Gly Arg Gly Ile Arg Met Ala Thr Leu Glu Lys Leu Met Lys
208 1 5 10 15
209 Ala Phe Glu Ser Leu Lys Ser Phe Gln Gln Gln Gln Gln Gln Gln
210 20 25 30
211 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
212 35 40 45
213 Gln Gln Pro Pro Pro Pro Pro Pro Pro Pro Pro Pro Pro Gln Leu Pro
214 50 55 60
215 Gln Pro Pro Pro Gln Ala Gln Pro Leu Leu Pro Gln Pro Gln Pro Pro
216 65 70 75 80
217 Pro Pro Pro Pro Pro Pro Pro Gly Pro Ala Val Ala Glu Glu Pro
218 85 90 95
219 Leu His Arg Pro
220 100
222 <210> SEQ ID NO: 13
223 <211> LENGTH: 101
224 <212> TYPE: PRT
225 <213> ORGANISM: Homo Sapiens
227 <400> SEQUENCE: 13
228 Ile Glu Gly Arg Gly Ile Arg Met Ala Thr Leu Glu Lys Leu Met Lys
229 1 5 10 15
230 Ala Phe Glu Ser Leu Lys Ser Phe Gln Gln Gln Gln Gln Gln Gln
231 20 25 30
232 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
233 35 40 45
234 Gln Gln Gln Pro Pro Pro Pro Pro Pro Pro Pro Pro Pro Pro Gln Leu
235 50 55 60
236 Pro Gln Pro Pro Pro Gln Ala Gln Pro Leu Leu Pro Gln Pro Gln Pro

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237 65          70          75          80
238 Pro Pro Pro Pro Pro Pro Pro Pro Gly Pro Ala Val Ala Glu Glu
239          85          90          95
240 Pro Leu His Arg Pro
241          100
243 <210> SEQ ID NO: 14
244 <211> LENGTH: 102
245 <212> TYPE: PRT
246 <213> ORGANISM: Homo Sapiens
248 <400> SEQUENCE: 14
249 Ile Glu Gly Arg Gly Ile Arg Met Ala Thr Leu Glu Lys Leu Met Lys
250 1          5          10          15
251 Ala Phe Glu Ser Leu Lys Ser Phe Gln Gln Gln Gln Gln Gln Gln
252          20          25          30
253 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
254          35          40          45
255 Gln Gln Gln Gln Pro Pro Pro Pro Pro Pro Pro Pro Pro Pro Gln
256          50          55          60
257 Leu Pro Gln Pro Pro Pro Gln Ala Gln Pro Leu Pro Gln Pro Gln
258 65          70          75          80
259 Pro Pro Pro Pro Pro Pro Pro Pro Pro Gly Pro Ala Val Ala Glu
260          85          90          95
261 Glu Pro Leu His Arg Pro
262          100
264 <210> SEQ ID NO: 15
265 <211> LENGTH: 103
266 <212> TYPE: PRT
267 <213> ORGANISM: Homo Sapiens
269 <400> SEQUENCE: 15
270 Ile Glu Gly Arg Gly Ile Arg Met Ala Thr Leu Glu Lys Leu Met Lys
271 1          5          10          15
272 Ala Phe Glu Ser Leu Lys Ser Phe Gln Gln Gln Gln Gln Gln Gln
273          20          25          30
274 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
275          35          40          45
276 Gln Gln Gln Gln Gln Pro Pro Pro Pro Pro Pro Pro Pro Pro Pro
277          50          55          60
278 Gln Leu Pro Gln Pro Pro Pro Gln Ala Gln Pro Leu Leu Pro Gln Pro
279 65          70          75          80
280 Gln Pro Pro Pro Pro Pro Pro Pro Pro Pro Gly Pro Ala Val Ala
281          85          90          95
282 Glu Glu Pro Leu His Arg Pro
283          100
285 <210> SEQ ID NO: 16
286 <211> LENGTH: 104
287 <212> TYPE: PRT
288 <213> ORGANISM: Homo Sapiens
290 <400> SEQUENCE: 16
291 Ile Glu Gly Arg Gly Ile Arg Met Ala Thr Leu Glu Lys Leu Met Lys

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VERIFICATION SUMMARY DATE: 11/17/2000
PATENT APPLICATION: US/09/463,874 TIME: 15:55:56

Input Set : A:\V1797000.txt
Output Set: N:\CRF3\11172000\I463874.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application No
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date